

Datasheet for ABIN185183
anti-SH3BP1 antibody (C-Term)**2** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SH3BP1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SH3BP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Purpose:	SH3BP1
Immunogen:	Peptide with sequence C-PQPRPRSLASETN, from the C Terminus of the protein sequence according to NP_061830.3.
Sequence:	PQPRPRSLAS ETN
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	SH3BP1
Alternative Name:	SH3BP1 (SH3BP1 Products)
Background:	SH3BP1, SH3-domain binding protein 1, SH3 domain binding protein 1, OTTHUMP00000028981
Gene ID:	23616
NCBI Accession:	NP_061830

Application Details

Application Notes:	<p>Immunohistochemistry: In paraffin embedded Human Kidney, stains the cytoplasm of lymphoid cells in the interstitial parenchyma and of lymphocytes in a glomerulus. Recommended concentration: 0.3 µg/mL.</p> <p>Western Blot: Approx 70 kDa band observed in Human Lung and Kidney lysates (calculated MW of 75.7 kDa according to NP_061830.3). Recommended for use at 1-3 µg/mL.</p> <p>Peptide ELISA: antibody detection limit dilution 1:16000.</p>
Comment:	Immunocytochemistry: This antibody has proved to work very well in Caco-2 cells in Elbediwy et al, J.Biol. Chem, 2012 (in press).
Restrictions:	For Research Use only

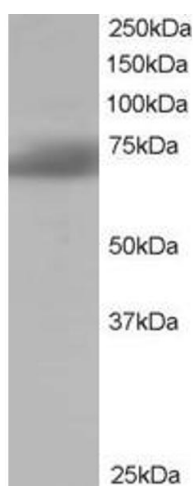
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

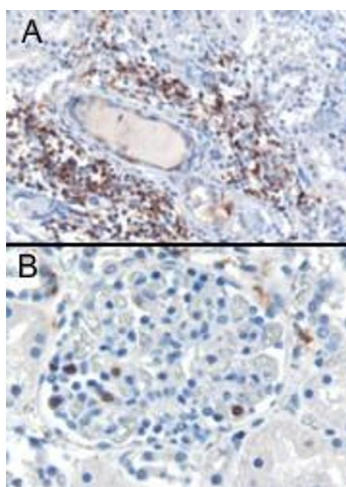
Product cited in: Parrini, Sadou-Dubourgoux, Aoki, Kunida, Biondini, Hatzoglou, Pouillet, Formstecher, Yeaman, Matsuda, Rossé, Camonis: "SH3BP1, an exocyst-associated RhoGAP, inactivates Rac1 at the front to drive cell motility." in: **Molecular cell**, Vol. 42, Issue 5, pp. 650-61, (2011) ([PubMed](#)).

Images



Western Blotting

Image 1. ABIN185183 staining (1µg/ml) of Human Brain lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.



Immunohistochemistry

Image 2. ABIN185183 (0.3µg/ml) staining of paraffin embedded Human Kidney. Cytoplasmic staining of lymphocytes A) in the interstitial parenchyma of the kidney. B) in a glomerulus of the kidney. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.